

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A syntactic polyurethane ~~obtainable by~~ prepared by the process of reacting

a) a polyisocyanate component with

b) a polyol component,

the polyol component b) comprising the constituents

b1) a polyetherpolyol based on a difunctional initiator molecule,

b2) a polyetherpolyol based on a trifunctional initiator molecule and

b3) a chain extender,

in the presence of

c) hollow microspheres,

the polyol constituent

b2) comprising the constituents

b2-1) a polyetherpolyol based on a trifunctional initiator molecule having an average molecular weight of from 400 to 3500 g/mol and

b2-2) a polyetherpolyol based on a trifunctional initiator molecule having an average molecular weight of from more than 3500 to 8000 g/mol.

Claim 2 (Currently Amended): The syntactic polyurethane according to claim 1, wherein the polyol component b) additionally comprises a ~~constituent~~ constituent

b4) a polyetherpolyol based on an initiator molecule which is tetrafunctional or has a higher functionality.

Claim 3 (Currently Amended): The syntactic polyurethane according to ~~any of claims 1 or 2~~ claim 1, wherein the individual constituents of the polyol component b) are

selected so that the polyol component b) has a viscosity at 25°C of less than 500 mPa.s, measured according to DIN 53019.

Claim 4 (Currently Amended): The syntactic polyurethane according to ~~any of~~ ~~claims 1 to 3~~ claim 1, wherein the component

b1) is present in an amount of from 20 to 60% by weight, the component

b2) is present in an amount of from 20 to 60% by weight, and the component

b3) is present in an amount of from 5 to 25% by weight,

based on the total weight of the polyol component b).

Claim 5 (Currently Amended): A process for the preparation of syntactic polyurethanes by reacting

a) a polyisocyanate component with

b) a polyol component,

the polyol component b) comprising the constituents

b1) a polyetherpolyol based on a difunctional initiator molecule,

b2) a polyetherpolyol based on a trifunctional initiator molecule and

b3) a chain extender,

in the presence of

c) hollow microspheres,

the polyol constituent b2) comprising the constituents

b2-1) a polyetherpolyol based on a trifunctional initiator molecule having an average molecular weight of from 400 to 3500 g/mol and

b2-2) a polyetherpolyol based on a trifunctional initiator molecule having an average molecular weight of from more than 3500 to 8000 g/mol.

Claim 6 (Currently Amended): ~~The use of~~ method of using for insulating offshore pipes a syntactic polyurethane ~~obtainable by~~ prepared by the process of reacting

a) a polyisocyanate component with

b) a polyol component,

the polyol component b) comprising the constituents

b1) a polyetherpolyol based on a difunctional initiator molecule,

b2) a polyetherpolyol based on a trifunctional initiator molecule and

b3) a chain extender,

in the presence of.

c) hollow microspheres ~~for insulating offshore pipes~~.

Claim 7 (Currently Amended): An offshore pipe composed of

(i) an inner pipe and, adhesively applied thereto,

(ii) a layer of a syntactic polyurethane ~~obtainable by~~ prepared by the process of reacting

a) a polyisocyanate component with

b) a polyol component,

the polyol component b) comprising the constituents

b1) a polyetherpolyol based on a difunctional initiator molecule,

b2) a polyetherpolyol based on a trifunctional initiator molecule

and

b3) a chain extender,

in the presence of

c) hollow microspheres.

Claim 8 (Original): The offshore pipe according to claim 7, wherein the layer (ii) of syntactic polyurethane has a thickness of from 5 to 200 mm.

Claim 9 (Currently Amended): A process for the production of offshore pipes according to claim 7 ~~or 8~~, comprising the steps

- 1) ~~provision of~~ providing an inner pipe which is to be coated with syntactic polyurethane,
- 2) ~~rotation of the~~ rotating said pipe to be coated and
- 3) ~~application of~~ applying to the rotating pipe an unreacted reaction mixture for the production of the layer of syntactic polyurethane, comprising the components a), b) and c), ~~to the rotating pipe~~.